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(71) Applicant: MORINAGA & CO LTD

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(72) Inventor: KURODA KAZUHIKO  
KATO MASATOSHI

(54) HIGH-SENSITIVITY MEASUREMENT OF  
HUMAN TIMP-1

(57) Abstract:

CONSTITUTION: TIMP-1 in a specimen is determined in high sensitivity through a sandwich enzyme immunoassay technique by using a labeled anti-human TIMP-1 mouse clonal antibody which reacts with human TIMP-1, but not with human TIMP-2 and bovine TIMP-1 under a reduced and a non-reduced conditions in the immunoblotting after SDS electrophoresis of human TIMP-1. This antibody is an IgG which does not inhibit the collagenase activity of the TIMP-1, and, when combining the labeled antibody with another antibody immobilized to an immunoplate

